

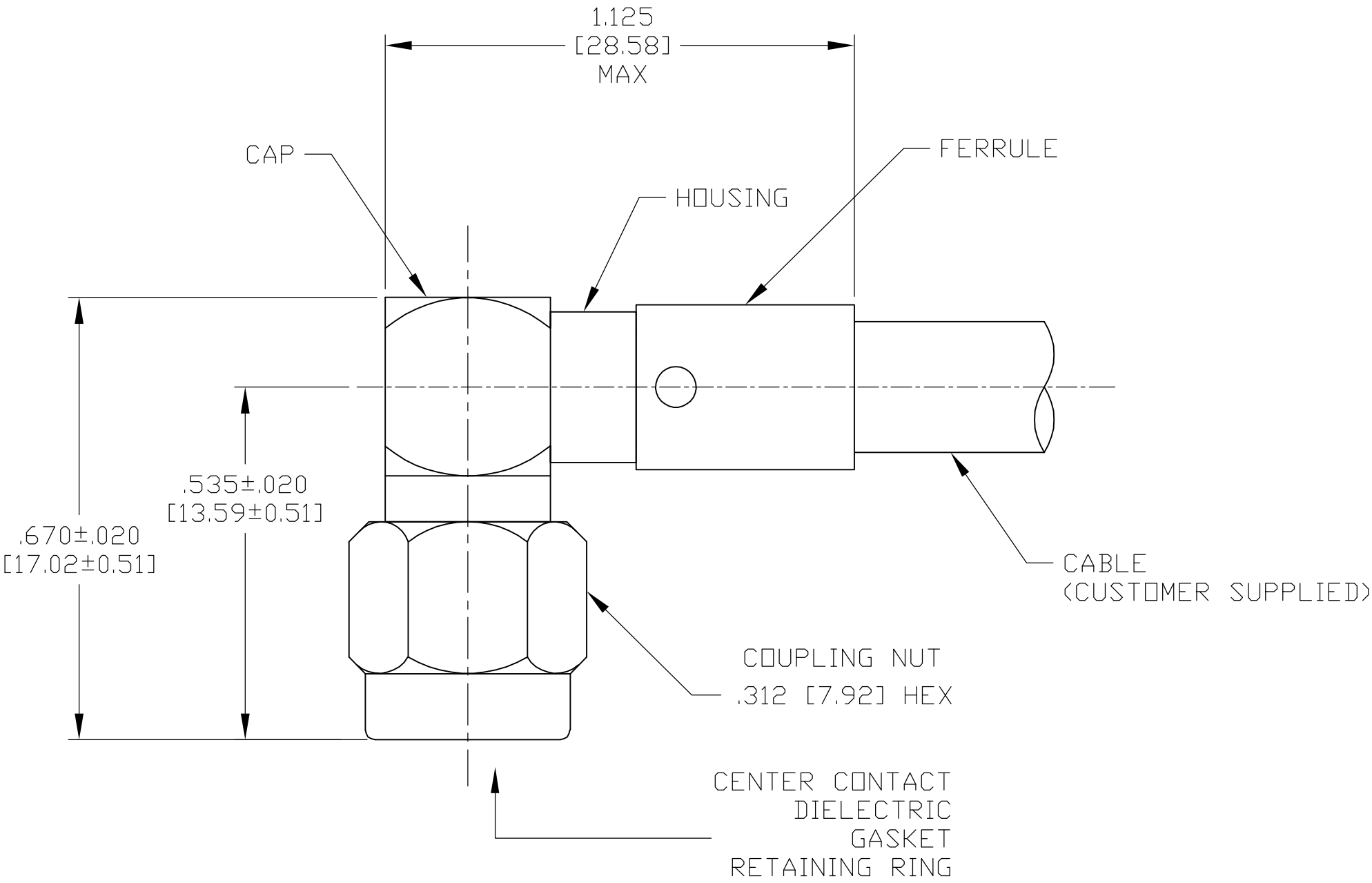
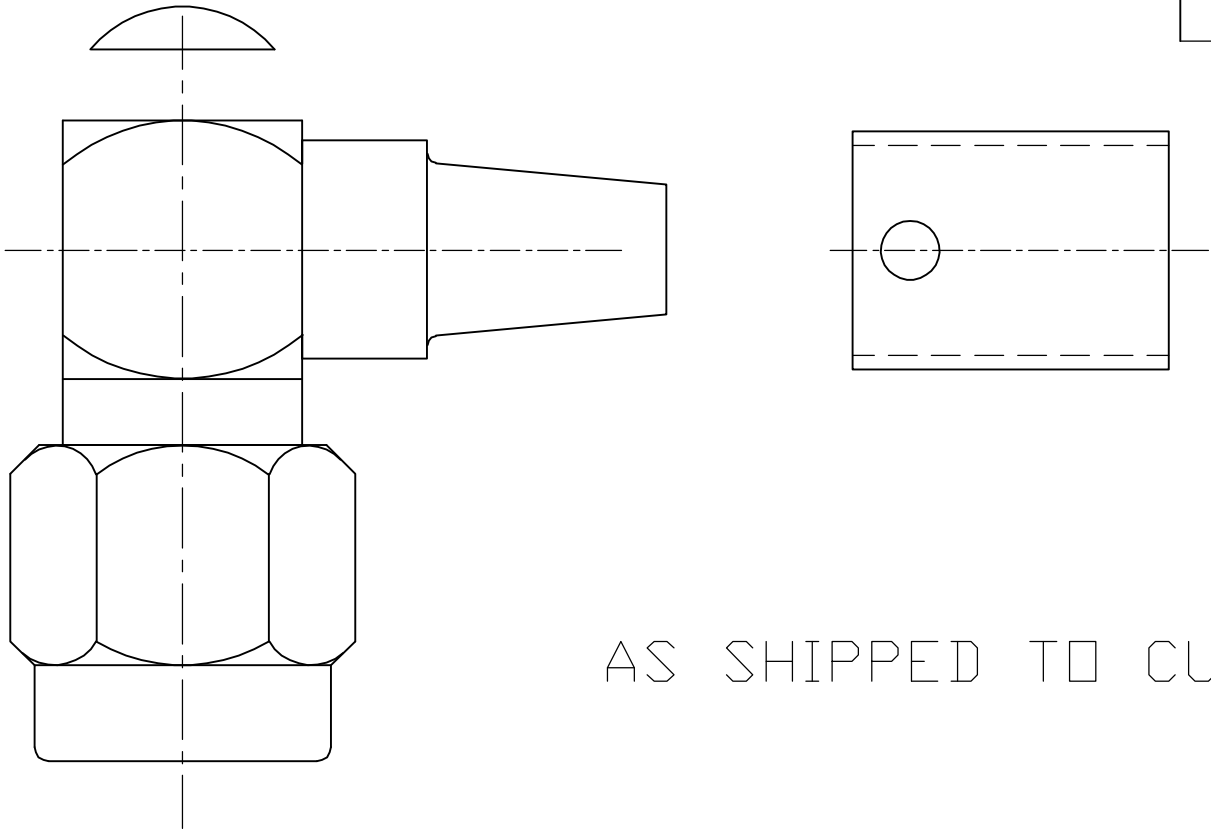
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COMPONENT	MATERIAL	FINISH					
— COUPLING NUT	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	PASSIVATED PER ASTM-A-380					
— DIELECTRIC	PTFE FLUORCARBON PER ASTM-D-1457	— —					
— CENTER CONTACT	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATED PER ASTM-B-488					
— HOUSING CAP	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488					
— GASKET	SILICONE RUBBER PER ZZ-R-765	— —					
— FERRULE	COPPER OR BRASS ALLOY, ROCKWELL F65 MAX	GOLD PLATED PER ASTM-B-488					
— RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194 ALLOY C17200, CONDITION H	— —					
— —	— —	— —					
— —	— —	— —					

ENVIRONMENTAL	
TEMPERATURE RATING: -65°C TO +165°C	
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D	
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1	
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106	
CORROSION: MIL-STD-202, METHOD 101, CONDITION B. 5% SALT SPRAY	
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT HIGH TEMP 85°C	

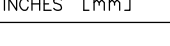
MECHANICAL	
INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.1	
RECOMMENDED MATING TORQUE: 7-10 IN-LBS	
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX:) 2.0	
WEIGHT (GRAMS): TBD	
MATING CHARACTERISTICS:	INSERTION (MAX LBS) N/A
	WITHDRAWAL (MIN OZ): N/A
CABLE RETENTION:	AXIAL FORCE (LBS) 40 MIN
	TORQUE (IN-OZ): N/A
CENTER CONTACT CAPTIVATION:	AXIAL (LBS): 6.0
	RADIAL (IN-OZ): N/A

ELECTRICAL	
NORMAL IMPEDANCE (OHMS): 50	
FREQUENCY RANGE (GHz): DC TO 12.4	
VOLT RATING @ SEA LEVEL (VRMS MAX): 335	
VSWR: 1.15+0.02f(GHz)	
INSERTION LOSS: (dB MAX): .06 √f(GHz)	
RF LEAKAGE (dB MIN): -60 @ 2-3 GHz	
CORONA 70,000 FT (VRMS MIN): 250	
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1000	
I.R. (MEGOHMS MIN): 5,000	
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 670	
CONTACT RESISTANCE (MILLIOHMS MAX):	
CENTER CONTACT: 4.0	
OUTER CONTACT: 2.0	
CABLE TO HOUSING: 0.5	

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	X0		A	REV PER 0H14-0775-04	9-7-05	CT	FB



ASSEMBLED VIEW

										1052184-1							
										PART NO.							
DESIGNED TO USE RG-58, RG-142, RG-223		THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN J. KAISER		9/24/02		AMP Tyco Electronics Corporation Harrisburg, Pa 17105-3608								
CABLE ENTRY DIAMETER MIN					CHK J. LIPPERT		10-18-02										
HOUSING: .120 [3.05]		DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. LIPPERT		10-18-02		NAME							
CONTACT SLOT: .041 [1.04]				0 PLC ± -		PRODUCT SPEC		SMA RIGHT ANGLE CABLE PLUG-SOLDER ATTACHMENT (M39012/56-3109) CAT A									
— —				1 PLC ± -		—											
— —				2 PLC ± -		APPLICATION SPEC											
— —				3 PLC ± .005 [0.13]		408-4931											
FERRULE: .216 [5.48]		MATERIAL SEE TABLE		ANGLES FINISH SEE TABLE		WEIGHT TBD		SIZE A2		CAGE CODE 00779							
										DRAWING NO C-1052184		RESTRICTED TO —					
										CUSTOMER DRAWING		SCALE 5:1		SHEET 1 OF 1		REV A	
										MA/COM # 2037-8109-92							

AMP 1471-9 REV 31MAR2000